Permit Summary Table

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Facility: Vega Baja WWTP Permit Number: PR0021679 Location: State Road No. 8686, Km 14.7

Latitude: 18° 28' 13" N

Class: SD

Receiving Waters: Caño Cabo Caribe

Vaga Baja, PR

Type of Discharge

Longitude: 66° 23' 50" W

Average Flow Discharge Number Reviewed by

secondary treated wastewaters			4.2 MGD			001	Evelyn Rivera-Ocasio		
Parameter	Unit	Appltn.	DMR Reported	Existing Permit Conditions	Intent Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
2,4,6- Trichlorophenol	μg/l			Monitor	Not included				
2,4-Dichlorophenol	μg/l			Monitor	Not included				
2,4- Dimethylphenol	μg/l			Monitor	Not included				
2,4-Dinitrophenol	μg/l			Monitor	Not included				
2-Chlorophenol	μg/l			Monitor	Not included				
2-Methyl-4,6- Dinitrophenol	μg/l			Monitor	Not included				
Arsenic β	μg/l			0.18	10 LESS STRINGENT		10	Quarterly	Grab
BOD ₅ *	mg/l			30/45	5 More stringent	30.0/45	5	Weekly	Composite
Color	Pt-Co			15	15		15	Monthly	Grab
Copper	μg/l			12.69	13.8 LESS STRINGENT		13.8	Monthly	Grab
Whole Effluent Toxicity	LC ₅₀					monitor		quarterly	Composite

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Vaga Baja, PR Longitude: 66° 23' 50" W

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Location: State Road No. 8686, Km 14.7

Type of Discharge	Average Flow	<u>Discharge Number</u>	Reviewed by
secondary treated wastewaters	4.2 MGD	001	Evelyn Rivera-Ocasio

	1	1		1	ı	001		111,014 00451	
Parameter	Unit	Application	DMR Reported	Existing Permit Conditions	Intent Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
Dissolved Oxygen	mg/l			Not < 5	Not < 5		Not < 5	Daily	Grab
Fecal Coliform	col / 100 ml			200/400	200/400		200/400	Monthly	Grab
Flow	m ³ /day (MGD)			15,898.73 (4.2)	15,898.73 (4.2)		15,898.73 (4.2)	Continuou	s Recording
Fluoride	μg/l			700	Not Included				
Mercury β	μg/l			0.050	0.012		0.012	Quarterly	Grab
					More stringent				
Nitrate + Nitrite	μg/l			10,000	10,000		10,000	Monthly	Grab
Oil & Grease	mg/l			Narative	Narrative		Narrative	Twice per Month	Grab
Pentachlorophenol	μg/l			Monitor	Not included				
pН	SU			Between 6-9	Between 6-9		Between 6-9	Daily	Grab
Phenol	μg/l			Monitor	Not included				
R. Chlorine +	mg/l			0.5	0.5		0.5	Daily	Grab
Solids & Other Matters				Note 3	Note 3		Note 3		
Sulfide γ (undissociated H_2S)	μg/l			2	2		2	Quarterly	Grab
Surfactants as MBAS	μg/l			100	100		100	Monthly	Grab

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Receiving Waters: Caño Cabo Caribe

Class: SD

Type of Discharge	Average Flow	Discharge Number	Reviewed by
secondary treated wastewaters	4.2 MGD	001	Evelyn Rivera-Ocasio

Unit ml/l	Application	DMR Reported	Existing Permit Conditions	Intent Water Quality Certificate	Technology Based Limits	Draft Permit Limits	Draft Monitor Frequency	Draft Monitor Type
ml/l								
			Note 1	Note 1		Note 1	Daily	Grab
			Note 4	Note 4		Note 4	_	
°F (°C)			Note 2	Note 2		Note 2	Daily	Grab
mg/l			1.000	1.000		1.000	Monthly	Composite
col / 100ml			10000	10000		10000	Monthly	Grab
mg/l			500	500		500	Quarterly	Grab
mg/l			30/45		30/45	30/45	weekly	Composite
NTU			50	50		50	Monthly	Grab
$\mu g/l$			5.2	5.2		5.2	Monthly	Grab
mg/l			1.00	1.00		1.00	Monthly	Grab
μg/l			3.27	0.38 More		0.38	monthly	Grab
	mg/l col / 100ml mg/l mg/l NTU µg/l mg/l	o°F (°C) mg/l col / 100ml mg/l mg/l NTU μg/l mg/l	o°F (°C) mg/l 100ml mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	°F (°C) Note 2 mg/l 1.000 col / 100ml 10000 mg/l 500 mg/l 50 NTU 50 μg/l 5.2 mg/l 1.00	°F (°C) Note 2 Note 2 mg/l 1.000 1.000 col / 100ml 10000 10000 mg/l 500 500 mg/l 50 50 μg/l 5.2 5.2 mg/l 1.00 1.00 μg/l 3.27 0.38 More	°F (°C) Note 2 Note 2 mg/l 1.000 1.000 col / 100ml 10000 10000 mg/l 500 500 mg/l 50 50 NTU 5.2 5.2 mg/l 1.00 1.00 μg/l 3.27 0.38 More	°F (°C) Note 2 Note 2 mg/l 1.000 1.000 1.000 col / 100ml 10000 10000 10000 mg/l 500 500 500 mg/l 50 50 50 NTU 5.2 5.2 5.2 mg/l 1.00 1.00 1.00 μg/l 3.27 0.38 0.38 More	°F (°C) Note 2 Note 2 Note 2 Daily mg/l 1.000 1.000 1.000 Monthly col / 100ml 10000 10000 Monthly mg/l 500 500 Soo Quarterly mg/l 30/45 30/45 weekly NTU 50 50 Monthly μg/l 5.2 5.2 Monthly mg/l 1.00 1.00 Monthly μg/l 3.27 0.38 0.38 monthly

Notes: 1. Solids from wastewater sources shall not cause deposition in, or be deleterious to, the designated users of the waters.

- 2. Except by natural causes, no heat may be added to the water of Puerto Rico which would cause the temperature of any site to exceed 90°F (32.2°C).
- 3. The waters of Puerto Rico shall not contain floating debris, scum and other floating materials attributable to discharges in amounts sufficient to be unsightly or deleterious to the existing or designated uses of the waterbody.
- 4. Shall not be present in amounts that will interfere with the use for potable water supply, or will render any undesirable taste and/or odor to edible aquatic life.
- 5. The waters of Puerto Rico shall be substantially free from floating non-petroleum oils and greases as well as petroleum derived oils and greases
- * 30 day average: The 30-day average percent removal, monitored simultaneously at the influent and effluent, shall not be less than 85%.
- + See Special Condition 5 & 6 (IWQC)
- β See Special Condition 9 (IWQC)
- γ See Special Condition 10 (IWQC)
- £ The samples shall be analyzed using the method approved by EPA in letter of February 20, 2007.